

The job of the FCC is to prevent harmful interference between radio transmitters. Given information from hundreds of non-corporate sources within BPL test areas, interference will happen throughout the HF spectrum if BPL is implimented.

Several technologies have been delivering broadband within homes using a technology called HomePlug, at high speed. This system does NOT cause interference to the utilized portions of the HF bands. Instead, it uses notch filters to ensure that interference is kept off of utilized HF frequencies.

Also, given that BPL is known to cause interference to Amateur Radio communications in the HF bands, it should be obvious that Amateur Radio transmissions will cause interference for a large radius from the transmitter site. Thus, even if BPL is implimented within the HF spectrum on HAM or other radio service frequencies, eventually those peices of the spectrum being utilized will be rendered unusable to BPL.

This is the nature of interference. BPL will cause interference to radio communications and radio communications will cause interference to BPL. There is no getting around that fact.

Therefore, either the entire HF spectrum is banned for all purposes but BPL, or, BPL is contained to a certain set of frequencies. This is easily technologically possible. Though many corporations pushing for BPL make this task seem insurmountable, there are easy ways to keep from recieving and transmitting a signal on certain frequencies.

FCC -- Don't sell out to the BPL companies. HF and BPL can be in harmony, but not without proper filtering. I can assure you that many Amateurs will make sure BPL is unusable within hundreds of miles of their transmitters if it is implimented.

Thank you.